

WHAT IS CLAIMED IS:

1 1. A system for presenting information to a user concerning economic
2 improvement associated with using specific products related to bearings and seals
3 as compared to using other products, comprising a memory unit storing product
4 specific data; inputting means for inputting plant specific data; a processor
5 connected to the inputting means for receiving the plant specific data inputted into
6 the inputting means, and for calculating through use of the product specific data
7 and the received plant specific a total economic improvement based on repair cost
8 savings and at least one of increased productivity earnings and energy cost saving;
9 and presentation means for presenting the total economic improvement calculated
10 by the processor.

1 2. The system according to Claim 1, wherein the repair cost savings
2 are based on a number of rotating machines in the plant, machine failures per unit
3 of time, an increase in machine life associated with alignment, and related cost of
4 fixing application.

1 3. The system according to Claim 1, wherein the increased
2 productivity earnings are based on a number of machines that affect production
3 and a cost of downtime per unit of time.

1 4. The system according to Claim 1, wherein the energy cost savings
2 are based on machine usage per unit of time, motor voltage average, machine
3 amperage, reduction in amperage draw, motor power factor, effect reduction for a
4 machine caused by using a specific product, and energy cost.

1 5. The system according to Claim 1, wherein the processor calculates
2 the total economic improvement based on a sum of the repair cost savings, the
3 increased productivity earnings and the energy cost savings.

1 6. The system according to Claim 1, wherein the processor is
2 connected to a computer network to produce a connection between the processor
3 and the inputting means and the presentation means.

1 7. A method for presenting information to a user setting forth an
2 economic improvement associated with use of specific products related to bearings
3 or seals as compared to using other products related to bearings or seals,
4 comprising:

5 inputting plant specific data into an inputting means;

6 using the inputted plant specific data and product specific data stored in a
7 memory that relates to a specific product relating to bearings or seals to calculate a
8 total economic improvement associated with using the specific product as

9 compared to using another product related to bearings or seals based on repair cost
10 savings and at least one of increased productivity earnings and energy cost
11 savings; and
12 presenting the total economic improvement at a presentation means for
13 presenting the total economic improvement.

1 8. The method according to Claim 7, wherein the repair cost savings
2 are based on a number of rotating machines in the plant, machine failure per unit
3 of time, an increase in machine life associated with alignment, and related cost of
4 fixing application.

1 9. The method according to Claim 7, wherein the increased
2 productivity earnings are based on a number of machines that affect production
3 and a cost of downtime of the machines per unit of time.

1 10. The method according to Claim 7, wherein the energy cost savings
2 are based on machine usage per unit of time, motor voltage average, machine
3 amperage, reduction in amperage draw, motor power factor, effect reduction for a
4 machine caused by using the specific product, and energy cost.

1 11. The method according to Claim 7, wherein the total economic
2 improvement is the sum of the repair cost savings, the increased productivity
3 earnings, and the energy cost savings.

1 12. A computer program product loadable into an internal memory of a
2 computer, comprising software code portions for performing the method of Claim
3 7 when run on a computer.

1 13. A computer software product according to Claim 13, further
2 comprising product specific data.

1 14. A graphical user interface for presenting information to a user
2 setting forth economic advantage associated with using a specific product related
3 to bearings or seals as compared to using another product related to bearings or
4 seals, comprising:

5 a first interface element for selecting a specific product related to
6 bearings or seals; and

7 a second interface element for calculating repair cost savings,
8 increased production and energy cost savings associated with use of the specific
9 product and for calculating a total cost savings based on a sum of the repair cost
10 savings, the increased production and the energy cost savings.

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- 11 15. The graphical user interface of Claim 14, wherein first interface
12 element includes a link for each of a plurality of different technical fields
13 involving the use of bearings and seals.

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